

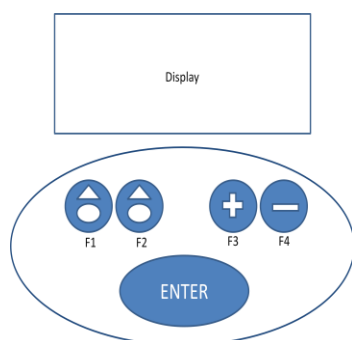
# BIOCHROM ASYS ATLANTIS MICROPLATE WASHER

## QUICK START GUIDE



1. Fill wash and rinse bottles with appropriate solutions. Up to three wash bottles can be connected to the instrument.
2. Connect waste, rinse and wash (1, 2 and/or 3) bottles to the instrument using the color-coded tubing. Ensure that the tubing is clean and secured to the bottles as well as to the port at the back of the instrument (e.g. Wash 1 is connected to Wash 1 port on the back of the instrument). Check the levels of fluid in each of the bottles.
  - ✓ It is critical not to run the instrument dry.
3. Connect the instrument to the power source. Turn on the instrument.
  - ✓ Please consult the user's manual for important safety information.
4. The main menu is displayed upon start-up. Selections in the display can be made by using the keypad directly below the screen (fig. 1). Options within the main menu:

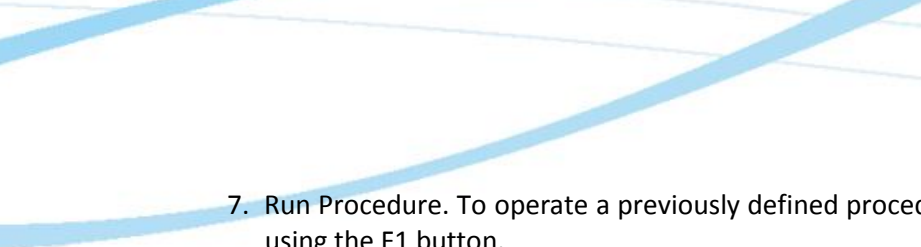
**Run Procedure/Prime/Rinse/Def Procedure/Def Cycle/Def Plate/Setup/Service**



**Figure 1. Atlantis Keypad and Display**

The keypad is used to select choices that are presented on the screen directly above the key. For simplicity, keys will be referred to as F1-F4 from left to right. To select option, highlight with the cursor and press enter. To opt out of any menu, press the key below **esc** (escape). To return to the previous option press the key below the << symbol displayed on the display.

5. Define settings for instrument. Select **Setup**. Important settings to define:
  - ✓ **Manifold** installed (8-, 12- or 16-Needle). Procedure will not function if incorrect manifold is selected.
  - ✓ **Warnings:** Liquid/Waste/Plate Warning: Prompts the user to check for adequate liquid levels in wash, rinse and waste bottles as well as plate insertion.
  - ✓ **Emergency Stop-** Stops instrument immediately if the manifold needles unexpectedly touch the plate. **Recommended**
6. Prime the instrument. In main menu, select **Prime/Rinse**. Select **Manual/Auto/Periodic** using the F3 or F4 keys.
  - ✓ **Manual:** only the liquid (rinse/wash 1) is defined.
  - ✓ **Auto:** both liquid and volume are defined. **Recommended.**
  - ✓ **Periodic:** liquid, volume and rinse interval (1-200 minutes) are defined.

- 
7. Run Procedure. To operate a previously defined procedure. Procedure can be stopped at anytime using the F1 button.
    - ✓ **Run Procedure.** Scroll through options using until desired program is found. Select **Enter.**
    - ✓ **Nr of Strips?** Select the number of rows in the plate to be washed.